

EXHAUST GAS COOLER

ABSTRACT OF THE DISCLOSURE

An exhaust gas cooler for reducing the temperature of exhaust gases from internal combustion engines, comprising an external tube extending between two tube plates or end walls and defining a coolant chamber, coolant inlet and outlet means communicating with the coolant chamber, and a plurality of internal tubes extending between the end walls and arranged to carry the exhaust gas through the coolant chamber. The external tube has a cross-sectional shape which has a height (H) in the major axis which is greater than its width (W) in the minor axis perpendicular to the major axis, preferably oval, or comprising two semi-circles connected by common straight line tangents parallel to the major axis. Such a cross-sectional shape means that the exterior tube has a planar face which simplifies the fitting of mounting brackets and placement with an engine compartment.